

# The NADM: Where Have We Been Where Are We Going



North American Drought  
Monitor Workshop  
Mexico City, Mexico  
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# Overview

- NADM Milestones
- Going forward
  - Questions to be considered



# NADM Milestones

- November 2001: Trilateral meeting on extremes at NCDC
  - Identification of need
- April 2002: US Drought Monitor Workshop
  - Initial discussions and objective setting
- August 2002 Issue of BAMS
  - Described need for and intent of the NADM to provide an integrated and operational drought monitoring effort with cross-border consistency



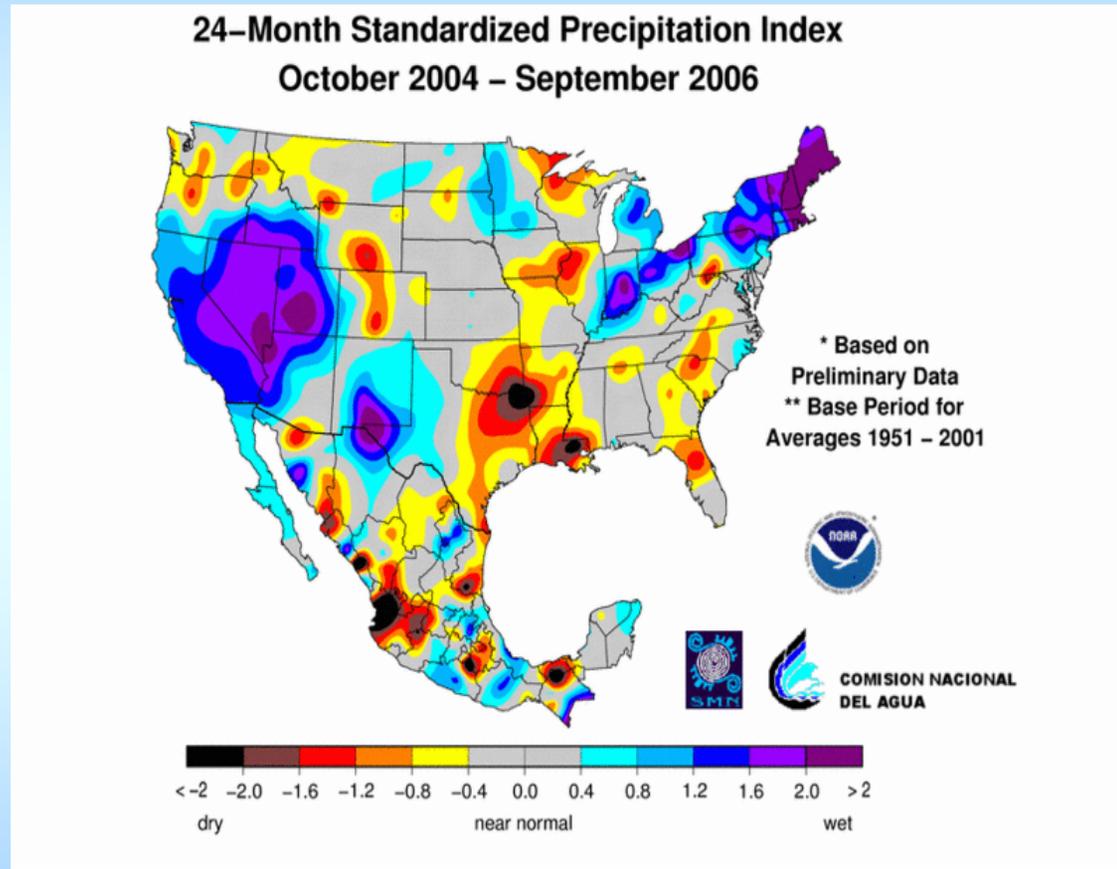
# Objectives and Benefits

- August 2002 Issue of BAMS
  - Improve cooperation and coordination among the countries' drought experts
  - Develop shared resources for monitoring drought among the 3 countries (data availability and quality)
  - Advance the scientific understanding of drought through collaboration
  - Deliver drought information to aid decision-makers at all levels of the public and private sector



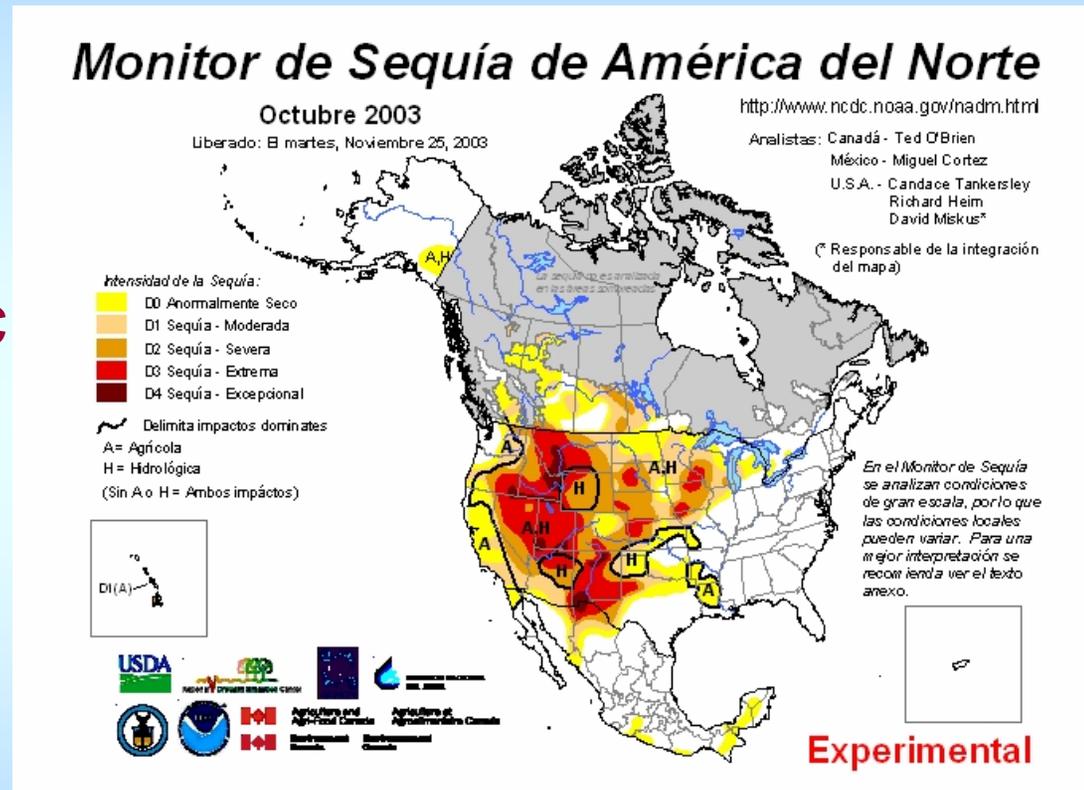
# NADM Milestones

- **December 2002**
  - First experimental North America Drought Monitor Map completed and placed online
  - Along with continental drought indicators
    - SPI
    - Precipitation



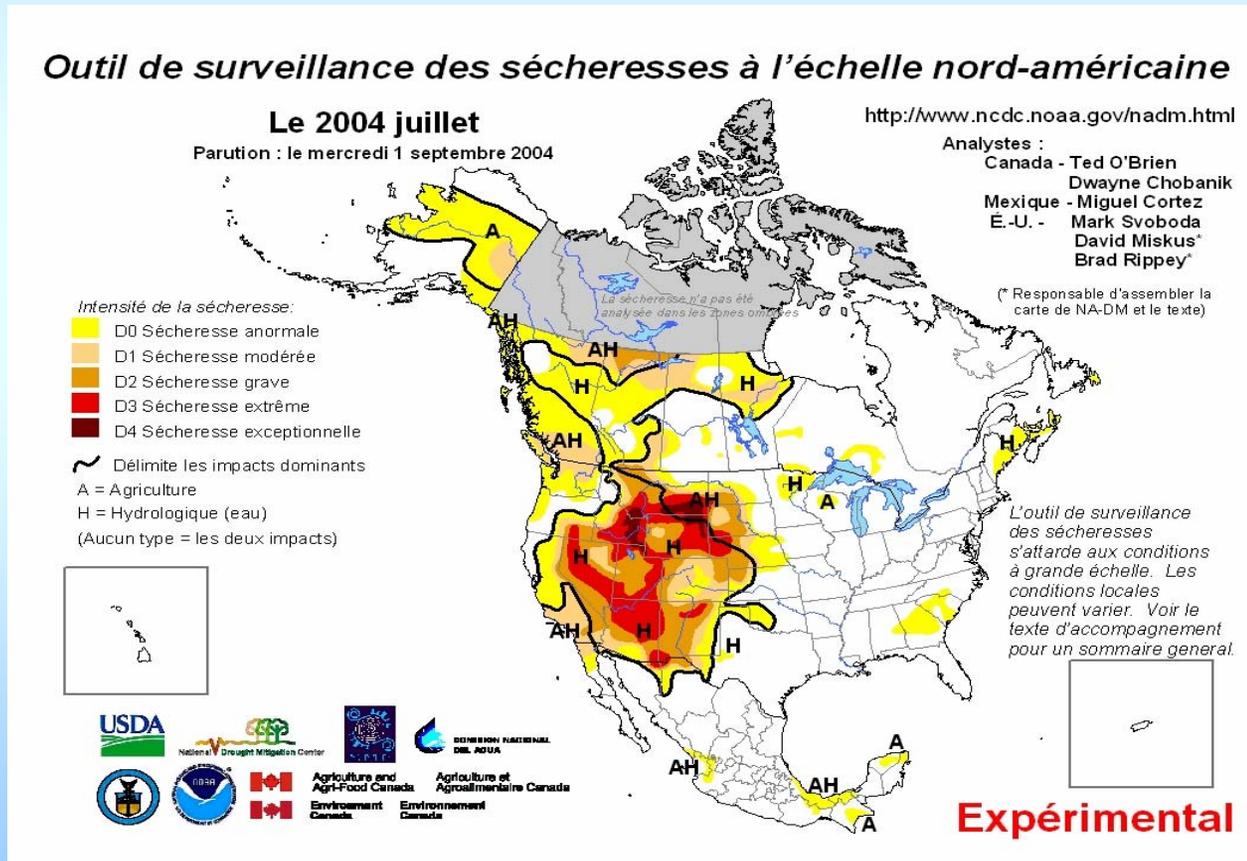
# NADM Milestones

- **March 2003**
  - First experimental NADM map released to public
- **October 2003**
  - Addition of French and Spanish translations of Map



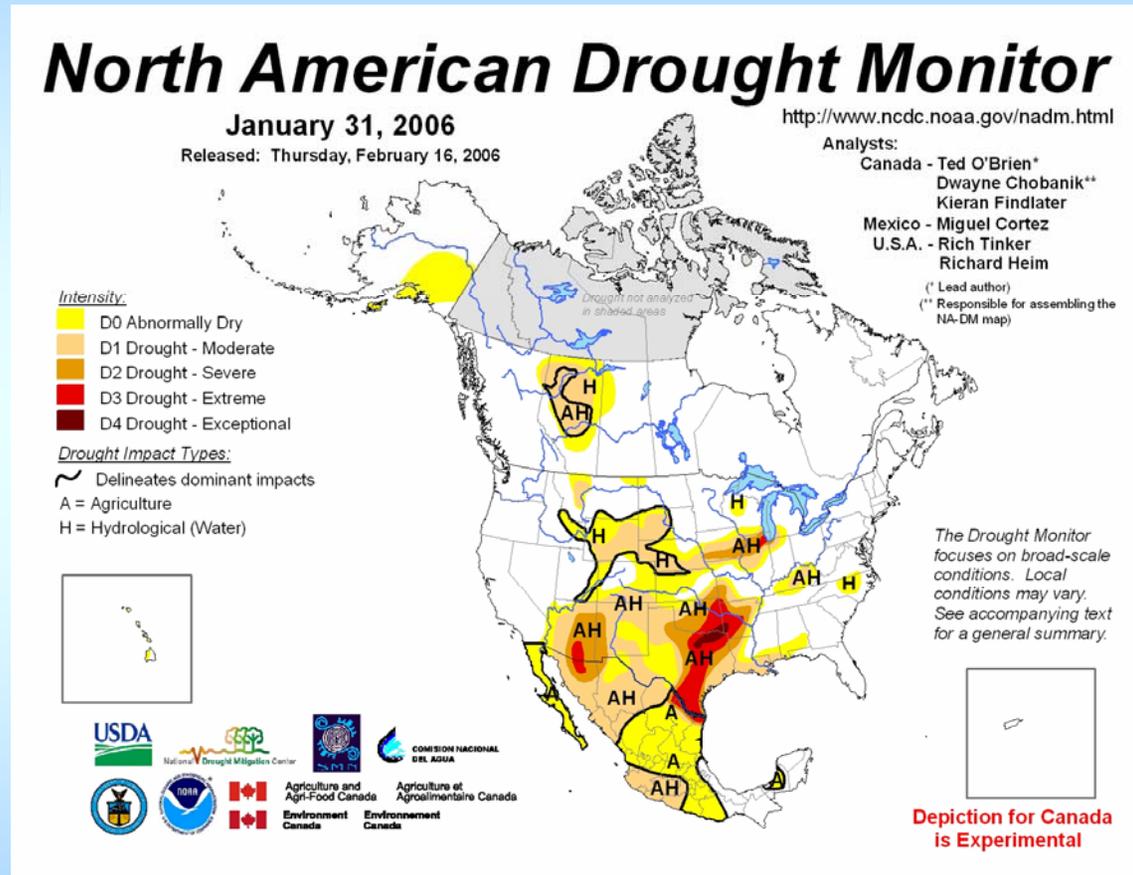
# NADM Milestones

- March 2004 – July 2004
  - Canadian analysis expanded beyond Agricultural Prairies



# NADM Milestones

- **May 2005**
  - Removal of experimental label from US and Mexico portion of NADM map and initiation of New Timeline
- **January 2006**
  - Canadian author leads NADM for first time



# NADM Milestones

- July 2006
  - Addition of Website Satisfaction Survey to NADM Website



NOAA Satellite and Information Service  
National Environmental Satellite, Data, and Information Service (NESDIS)

National Climatic Data Center  
U.S. Department of Commerce

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## NCDC - NADM Website Satisfaction Survey

Please rate your level of satisfaction with the following aspects of our site:

1. Your overall impression of our site:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Extremely Dissatisfied	Dissatisfied	Neutral	Satisfied	Extremely Satisfied
2. Ability to navigate within the site:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Extremely Dissatisfied	Dissatisfied	Neutral	Satisfied	Extremely Satisfied
3. Accessibility of information:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Extremely Dissatisfied	Dissatisfied	Neutral	Satisfied	Extremely Satisfied
4. Organization of information:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Extremely Dissatisfied	Dissatisfied	Neutral	Satisfied	Extremely Satisfied
5. How often do you visit our site?	- Please Select One -				
6. In which of the following ways did this website benefit you or your organization? <small>(** You may select multiple areas by holding down the CTRL key while selecting the items with your mouse.**)</small>	<input type="checkbox"/> Improved Decision Making <input type="checkbox"/> Improved Management Efficiency <input type="checkbox"/> Lowered Expenses <input type="checkbox"/> Increased Revenues <input type="checkbox"/> Not Applicable				

# Where do we go from here?

- Let's answer this question over the next two days
  - By looking at a number of individual questions that can be answered
    - through the presentations and discussions that follow



# Basic Questions

- Is the NADM product useful in its present form?
- Is there a continued commitment to it in each of the three countries?



# What can be done to improve the NADM?

- Presentation: Are there changes in the way we are presenting the NADM product that should be updated?
- Providing other indicators: Are there others in addition to SPI and Precip departures that can be provided on the NADM website? (Can we make Palmer index maps available externally now?)
- Spatial resolution: What type of progress has been made to improving the spatial resolution of the indicators?
  - Station level Palmer in the U.S.
  - Contouring of indicators in Canada if higher station density
- Timeliness: Can the timeliness be improved? What resources would be required from the 3 countries in order to produce the NADM on a weekly basis. (This may be proposed at the 2007 world Earth Observation Summit.)



# Authoring Issues

- Are there other indicators authors could be using to establish drought severity levels?
- What national indicators are relied upon in Canada and Mexico for monitoring drought?
- Is there a way to obtain more information on drought impacts in Mexico and Canada?
- Are authors happy with the definitions of drought (drought severity classifications) in their 3 countries?
- When can the experimental label for Canada be removed?
- Are the authors happy with the current operational routine?



# NADM Workshop

- I would like to return to these questions in our final discussion tomorrow afternoon when we develop steps for moving forward

